NOAA
R 336

ST ENGINEERING - DOCUMENT CONTROL
RECEIVED 24 JUNE 2022 BY LB

ORIGINALL-CONTROLLED DOCUMENT

ISSUED FOR AS-BUILT
BY: M. RICE V185-052

BILL OF MATERIALS

1/25/2021

SYMBOL	ITEM NUMBER	QTY	DESRIPTION	MFR PART NUMBER		REMARKS/SUPPLIER
	1		ANALOGUE ADDRESSABLE FIRE ALARM PANEL	F400-101-10104A		SUPPLIED WITH (440X570X180 CABINET FOR WALL MOUNTING INTERNAL CONTROL PANEL 5A POWER SUPPLY BATTERY 24V 2.3A OUTPUT FOR PRINTER. CONSILIUM
	2	1	CONTROL REPEATER M 4.3	5100195-20A		CONSILIUM
	3	1	EV-AD 2 ADDRESSING TOOL	5200123-00A		CONSILIUM
	4	3	SALWICO CARGO ADDRESSABLE MANUAL SET.	5800921-01A		CONSILIUM
IP22/55	5	66	EV-P ANALOUGE ADDRESSABLE OPTICAL SMOKE DETECTOR FOR DRY SPACE IP22	40020		CONSILIUM
	6		DELETED			
IP22/55 54C	7	18	EV-H/54 ANALOGUE ADDRESSALE HEAT(54 DEG C) DETECTOR WITH LOKCABLE BASE FOR DRY SPACE IP22	40080		CONSILIUM
	8		DELETED			
IP22	9	40	UB-6 SCI UNIVERSAL BASE PLATEWHITE WITH SCI FOR DRY SPACE IP22	5200313-00A		GOES WITH: 43 X 40020 CONSILIUM
	10	83	IP-BASE DETECTOR BASE FOR WET SPACE IP55	5100774-00A		GOES WITH: 27 X 40020, 06 X40000, 01 XN11250 CONSILIUM
	11	17	IP-ADAPT BASE ADAPTER FOR WET SPACE IP55	5100775-00A		GOES WITH: 06 X40000, 01 X N11250 CONSILIUM
	12	66	IP-ADAPT SCI, BASE ADAPTER INCL SCI FOR WET SPACE IP55	5100776-00A		GOES WITH: 27 X40020 CONSILIUM
	13	10	SALWICO UB-6 LOW PROFILE BASE PLATE	44445		GOES WITH: 10 X 40000 CONSILIUM
	14		DELETED			
IP55/22	15	20	MCP-A SCI WP ADDRESSABLE MCP INC. SHORT CIRCUIT ISOLATOR FOR WET SPACE IP67	5200031-02B		CONSILIUM
	16	1	TC10 WP TIMER CONTROL UNIT	5200276-00A		CONSILIUM
IP55	17	1	NS-AOHS-IS ANALOGUE ADDRESSABLE INTRINSICALLY SAFE OPTICAL SMOKE/HEAT DETECTOR FOR WET SPACE IP55	N11250		CONSILIUM
	18	1	ISOLATOR-A INTRINSICALLY SAFE ISOLATOR WITH ENCLOSURE FOR ADDRESSABLE IS LOOP UNITS IP55	5600985-00		CONSILIUM
	19		DELETED			
	20	15	UB-6 SCI UNIVERSAL BASE PLATE WHITE WITH SCI	5200313-00A		SPARE, CONSILIUM
	21	~2244 FT ESTIMATE	CONTRACTOR SUBSTITUTED CABLE	W3090Z		IEEE 45,INSTALLER
	22		DELETED			
	23	500 FT	DATA CABLE CMR75 8C #18BELDEN CABLE	BELDEN 5308FE		INSTALLER
GA	24	1	GENERAL ALARM CONTACT			
	25	50 FT	4C-1.5² SHIELDED DATA CABLE			COM'L

INDEX

SHT	DESCRIPTION
1.	TITLE SHEET
2.	HULL, LOWER DECK AND MAIN DECK PLAN
3.	FCSL DECK, BRIDGE DECK
4.	PILOTHOUSE PLAN

REVISIONS

REV	SHT	ZONE	ITEM	DESCRIPTION	DATE	APPD
A	ALL			AS-BUILT OF MODIFIED CABLING AND EQUIPMENT	4-20-22	

GENERAL NOTES

1. THIS DRAWING DEPICTS AS-BUILT INSTALLATION FOR NOAA SHIP GORDON GUNTER.
2. THIS DRAWING WAS DEVELOPED USING REFERENCES 1 THROUGH 2.
3. THIS DRAWING SUPERSEDES DRAWING GU-436-6233675 REFERENCE 2.
4. SMOKE DETECTORS/ALARMS IN STATEROOMS ARE BATTERY POWERED AND LOCAL SOUNDING ONLY. SEE REFERENCE 2.
5. THIS DRAWING WAS DEVELOPED USING THE COLOR SCHEME AND SYMBOLS ADOPED BY INTERNATIONAL MARITIME ORGANIZATION (IMO) IN ACCORDANCE WITH SOLAS REGULATIONS II-2 AND RESOLUTIONS A.654(16) A.952(23) AND A.756(18)
6. NOT USED.
7. SEE DETAIL 26-A FOR INTERCONNECT OF ALARM PANELS AND SUMMARY ALARM MCCS.

MTR D.C.

REFERENCES

NO	TITLE	DRAWING NO
1.	FIRE CONTROL PLAN	GU-555-001
2.	FIRE & SMOKE DETECTION SYSTEM	GU-436-6233675
3.	DEVICE LIST	GU-436-010
4.	BLOCK DIAGRAM	37442.01.01
5.	DIMENSION DRAWING CENTRAL	37442.02.01
6.	CONNECTION DRAWINGS	37442.03.01

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
OFFICE OF MARINE AND AVIATION OPERATIONS

ST Engineering Halter Marine & Offshore

CONTRACT NO. HA-2020802
IAR NO.
DSGN 12/18/20 C. DUNCAN
DWN 12/18/20 C. DUNCAN
CHK
CHK
NOAA APPROVAL

NOAA SHIP *Gordon Gunter*

FIRE&SMOKE DETECTION SYSTEM INSTALLATION

SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
D	STENG	GU-436-011	A

SCALE: NONE | CAD FILENAME: GU-436-011 | SHT 1 OF 4

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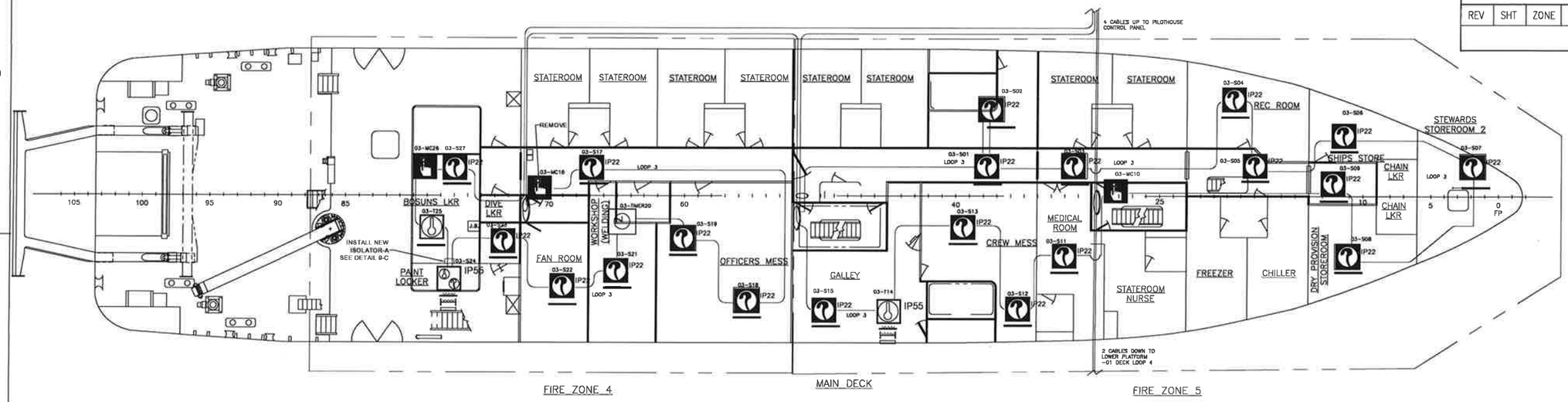
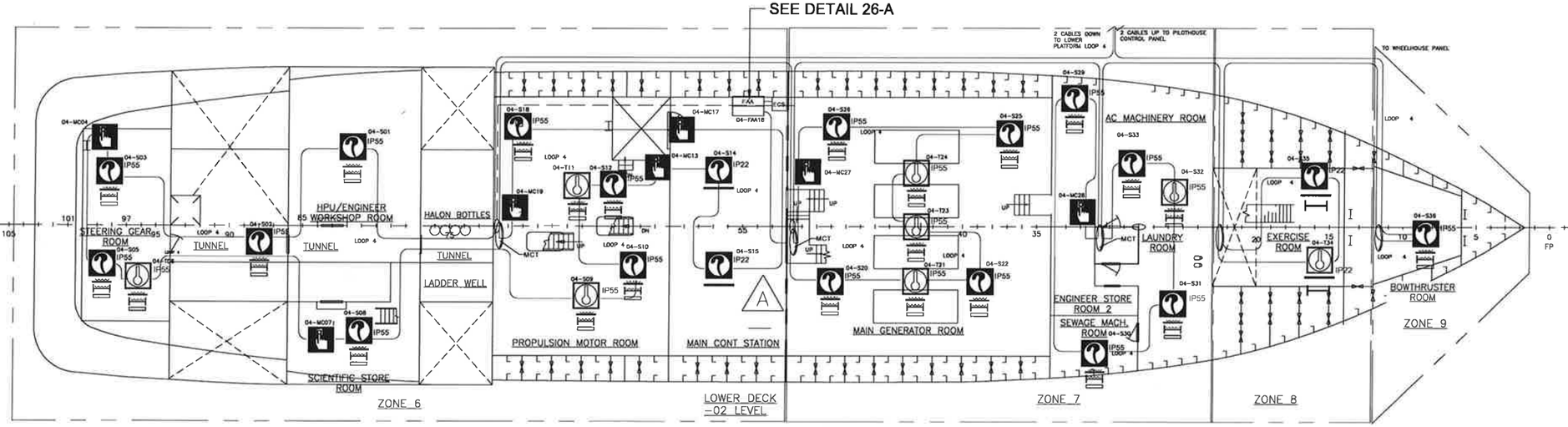
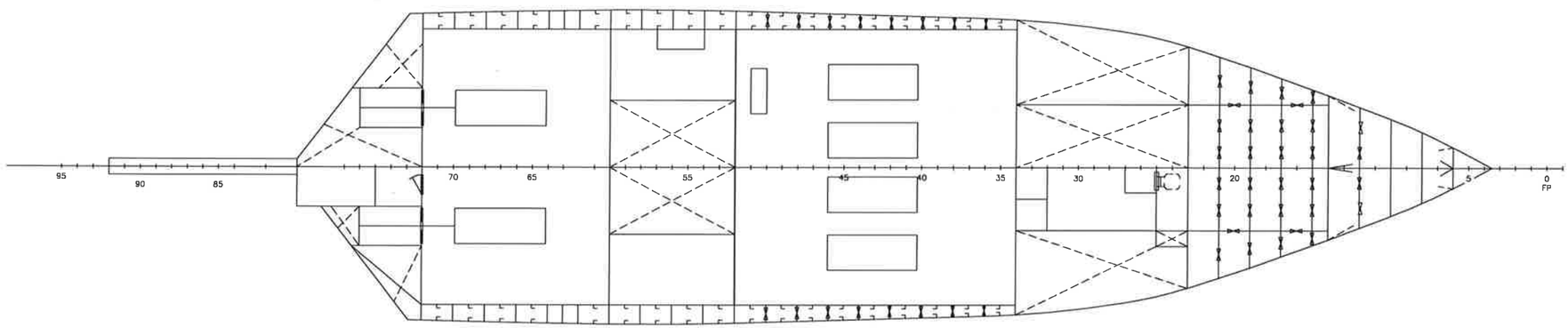
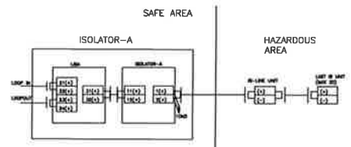
REVISIONS						
REV	SHT	ZONE	ITEM	DESCRIPTION	DATE	APPD



SEE DETAIL 26-A







DETAIL 9-C

SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
D	0YLJ5	GU-436-011	A
SCALE: NONE		CAD FILENAME: GU-436-011	SHT 2 OF 4

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REVISIONS						
REV	SHT	ZONE	ITEM	DESCRIPTION	DATE	APPD

SEE DETAIL 26-A

8 CABLES DOWN TO:
LOOP 2 FCS'L 03 DECK
LOOP 3 MAIN 02 DECK
LOOP 4 LOWER -01 DECK PLATFORM

8 CABLES UP TO PILOTHOUSE CONTROL PANEL AND PILOTHOUSE LOOP 01

EFFER CRANE

WEAT

02-S14 IP22 MCT

LOOP 2

RESCUE BOAT

2 CABLES TO 02 DECK LOOP 2

ZONE 2

STATEROOM

02-MC17

01-S18 IP22

LOOP 1

01-S16 IP22

01-S15 IP22

LOOP 1

STATEROOM

STATEROOM

01-MC12

01-S13 IP22

01-AA11

CHIEF MARINE ENGINEER STATEROOM

01-MC14

LOOP 1

MCT

02-S07 IP22

01-MC09

CO STATEROOM

01-S10 IP22

OOD

02-MC06

01-T19 IP22

FAN ROOM

STATEROOM

STATEROOM

BRIDGE DECK
02 LEVEL

6 CABLES DOWN TO:
LOOP 2 FCS'L 03 DECK
LOOP 3 MAIN 02 DECK
LOOP 4 LOWER -01 DECK

FIRE ZONE 1

℄ SHIP FWD

3 CABLES TO WHICH HOUSE

02-MC16

DRY LAB

COMPUTER LAB

ELECTRONICS SHOP

02-MC15

02-S17 IP22 LOOP 2

02-T18 IP22

02-S13 IP22

02-MC19

HEAD

CG LKR

02-MC05

02-S04 IP22

02-S02 IP22

LOOP 2

02-S01 IP22

6 CABLES UP TO PILOTHOUSE CONTROL PANEL

02-MC29

02-S25 IP22

02-S27 IP22

02-MC20

LOOP 2

EMER GEN ROOM SWITCHBOARD

02-S21 IP55

03-MC26

LOOP 2

02-T25 IP55

ENGINEERS STOREROOM 1

02-S22 IP22

02-T24 IP22

02-S23 IP22

BOATSWAIN STOREROOM

℄ SHIP FWD

MCT

02-S12 IP22

02-S09 IP22

02-S06 IP22

PASSAGEWAY

02-MC11

02-S10 IP55

WET LAB

LOOP 2

02-MC08

02-S07 IP55

PASSAGE

GEAR LKR

02-MC03

STATEROOM

STATEROOM

STATEROOM

STATEROOM

STATEROOM

STATEROOM

STEWARD STRM 1

EMER GEN ROOM GENERATOR

FIRE ZONE 2

FCS'L DECK
01 LEVEL

FIRE ZONE 3

4 CABLES DOWN TO:
LOOP 3 MAIN DECK 02 LEVEL
LOOP 4 LOWER -01 DECK

SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
D	0YLJ5	GU-436-011	A
SCALE: NONE		CAD FILENAME: GU-436-011	SHT 3 OF 4

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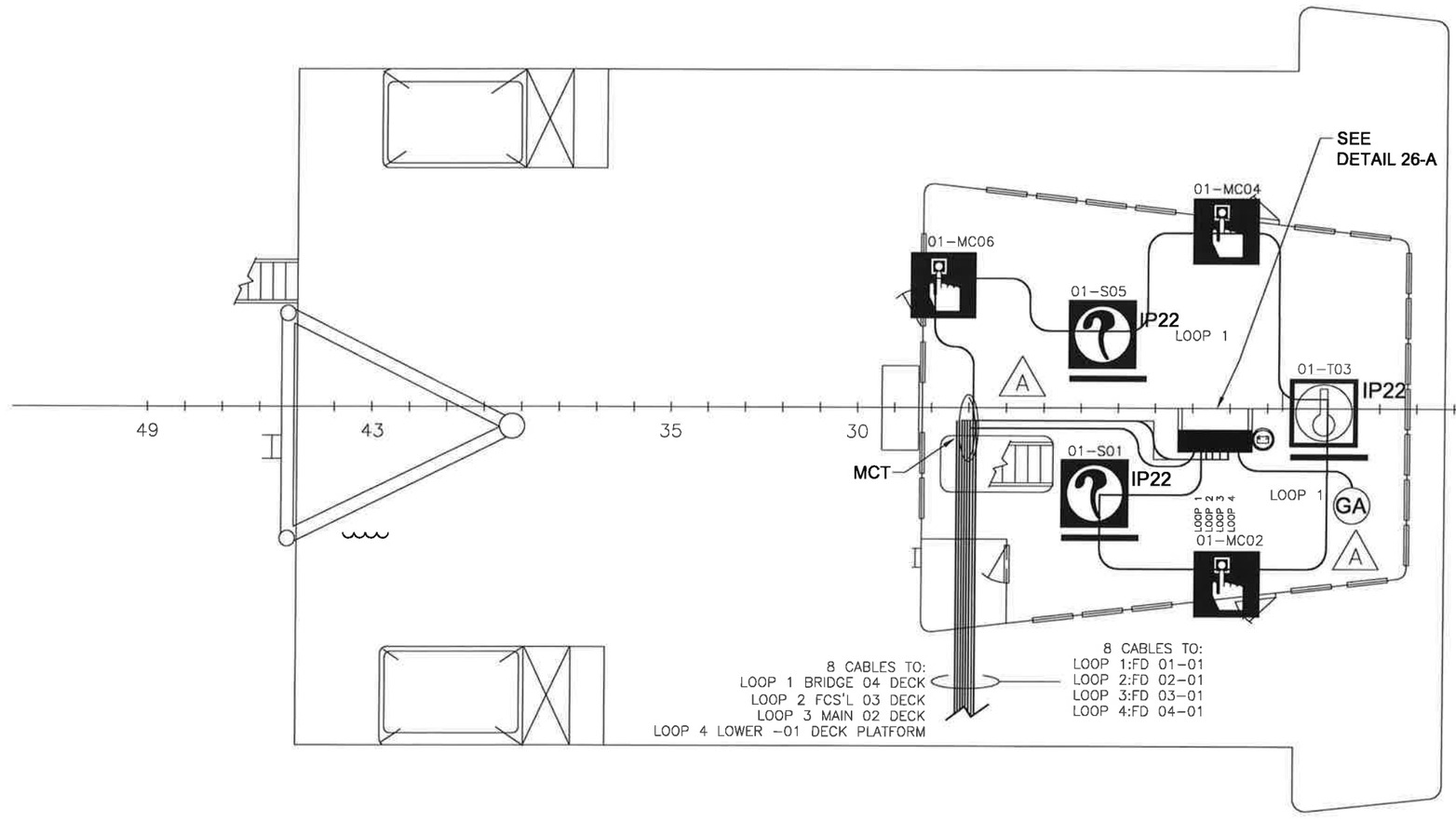
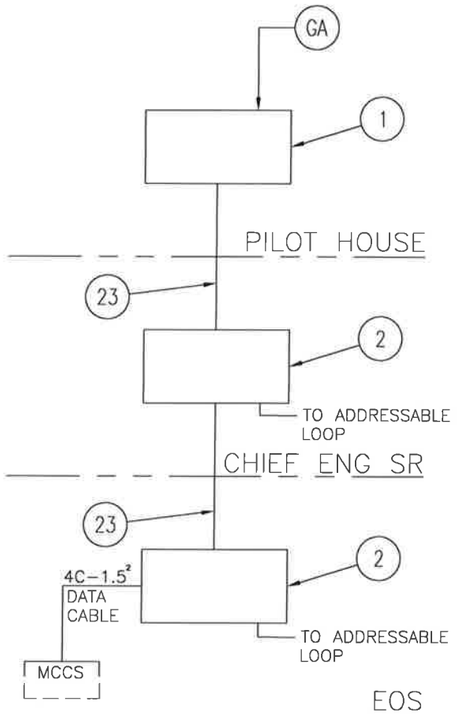


PILOTHOUSE
03 LEVEL

FIRE ZONE 1



DETAIL 26-A (A)

SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
D	0YLJ5	GU-436-011	A
SCALE: NONE		CAD FILENAME: GU-436-011	SHT 4 OF 4